

Evolution of Seattle Public Utilities' Natural Drainage System Projects

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Seattle Public Utilities' Natural Drainage Systems Program takes an innovative approach to the standard American street design in order to reduce the negative impacts of stormwater runoff on our creeks, lakes, and bays. Our projects are designed to provide multiple benefits: manage flooding in neighborhoods, improve water quality, reduce stormwater volumes, provide traffic calming, increase safety for pedestrians and enhance landscaping. SPU started our Natural Drainage System Program in 1999. We now have several projects constructed (SEA Street, Carkeek Cascade at 110th Ave NW, Broadview Green Grid), and more in design (Pinehurst Green Grid). As we continue to design and build these projects we improve upon our techniques. This presentation will provide an overview of our design evolution and construction lessons learned. For more information on the program see

www.seattle.gov/util/naturalsystems